1	PATENT ARRIVATION FOR DETERMINATION								Application or Docket Number				
PATENT APPLICATION FEE DETERMINATION RECO Effective October 1, 2003								10/049862					
CLAIMS AS FILED - PART I (Column 1) (Column 2)									ENTITY	OR		THAN ENTITY	
TOTAL CLAIMS			20.				PAT		FEE	7	RATE	FEE	
FOR			NUMBER FILED NUM		BER EXTRA	BASIC FI			- _	BASIC FEE			
TOTAL CHARGEABLE CLAIMS			20 minus 20= *		ļ		X\$ 9		-		X\$18=	770.00	
INDEPENDENT CLAIMS			4 _minus 3 = *				1		- 	OR			
м	ULTIPLE DEPE	NDENT CLAIM P	RESENT				ŀ	X43=		OR	X86=		
- 1	f the difference	e in column 1 in	loca than para patra #01 in and an a				L	+145=		OR	+290=		
* If the difference in column 1 is less than zero, enter "0" in column 2								TOTAL		OR	TOTAL		
,	5/23/05 (Column 1) (Column 2) (Column 3)							CMAI E	_ ENTITY	OR	OTHER SMALL		
	177	CLAIMS	<u> </u>	HIGHE	ST	(Column 3)	Г	SMALL	ADDI-	7 I	SMALL		
AMENDMENT A		REMAINING AFTER AMENDMENT	PREVIO PAID F		USLY	PRESENT EXTRA	RATE	TIONAL		RATE	ADDI- TIONAL FEE		
NON	T tal	.21,	Minus	-2	5	=	Ī	X\$ 9=		OR	X\$18=	1 - 1	
¥ ₩	Independent	• 4	Minus	6	>	-		X43=		OR	X86=		
L	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						F		 	1			
•							L	+145=		OR	+290= TOTAL		
		(Cal.,					AI	DDIT. FEI		OR ,	ADDIT. FEE		
		(Column 1) CLAIMS	ı	(Colum		(Column 3)	_			 1 r			
AMENDMENT B		REMAINING AFTER AMENDMENT		NUMB PREVIOI PAID F	USLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NON	Total	*	Minus	**		=	Γ	X\$ 9=		OR	X\$18=		
AME	Independent	*	Minus	***		=		X43=		OR	X86=		
_	FIRST PRESE	NTATION OF MU	LTIPLE DEF	PENDENT	CLAIM		\vdash		 	1			
							L	+145=		OR	+290=		
							AC	TOTAL DIT. FEE		OR	TOTAL ADDIT, FEE		
_		(Column 1)		(Colum		(Column 3)						ļ.	
MEN		REMAINING AFTER AMENDMENT		HIGHE NUMBI PREVIOL PAID FO	er Jsly	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	•	Minus	**		=		X\$ 9=		OR	X\$18=		
	Independent		Minus	***		=	-	X43=	<u> </u>		X86=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM								-	OR			
• 11	the entry in cal	na 1 ie laes than 4 -	anin in ani :-		^* :=4		Ŀ	+145=		OR	+290=		
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."										OR A	TOTAL DOIT, FEE		
1	The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.												

PATENT APPLIC	OBD	Application or Docket Number						
	fective Oc	tober 1, 2000		OND	10	-00	1980	
CLAIM		D - PART I	Safrino 21	SMALL	ENTITY	•	OTH	ER THAN
TOTAL CLAIMS		2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2				- · · ·	SMALL ENTITY	
FOR COMPANY	10.04		MBER EXTRA	RATI			PATE	
TOTAL CHARGEABLE. CLAIR		minus 20=	352	BASIC		₹ 0!		<u> </u>
NOEPENDENT CLAIMS		2013年) O	X\$18				
MULTIPLE DEPENDENT CLA	A PRESENT	minus 3		X40		\$ or	\$X80=	1
		Secretarian Contraction		9135		OF	0.0	والمناه والمناور الما
If the difference in column	is less then	zero, enter "O" i	column 2	TOTAL		•		
		ED - PART II			<u> </u>	Tob	•	R THAN
(Column	(Sigh. *	(Column 2)	(Cotumn 3)	SMALI	ENTITY	QR		ENTITY
REMAINING AFTER AMEMORES Total	Reserve	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL]	RATE	ADDI- TIONAL
Total . 25	Minus	1.20	.5		怎	1		FEE
Independent • (0	Minus	1	-2	X\$ 9a	(1)	OR	X\$18=	40
FIRST PRESENTATION OF	MULTIPLE D	EPENDENT CLAIM	+~-	X40=	86	OR	X80≃	72
				+135=		OR	+270=.	
	. ,	•	•	YOTAL ADDIT, FEE		OR	YOTAL ADDIT, FEE	
. (Column 1		(Column 2)	(Column 3)					
1 Serieman	26-47	400000	PRESENT EXTRA	RATE	ADDI- TIONAL		RATE	ADDI-' TIONAL
Total · 33	Minus	- 25		X\$ 9=	FEE	OR	X\$18=	FEE
FIRST PRESENTATION OF	Minus	_ ب	-	-X40=			X80=	
T	OCHPLE DE	PENUENT CLAIM		+135=		OR	+270=	-
		•	•	TOTAL ADDIT PEE		OR	TOTAL	
(Column 1)		(Column 2)	(Cotumn 3)			•	·	
12-23-0 REMAINING AFTER AMENDMENT	179.200	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL	. [RATE	ADDI- TIONAL
Total . 2	Minus		. /		·FEE	1	,	FEE
Independent · <	Minus.		-/-	X\$ 9=		OR	X\$18=	
FIRST PRESENTATION OF N	ULTIPLE DE	PENDENT CLAIM		X40=	Ш	OR	X80=	/
the entry in column 1 is loss than i				+135=		DA [+270=	
the Tighest Number Previously P I the Tighest Number Previously P The Tighest Number Previously Pa	NO FOR IN THE	S SPACE is less than	20, enter '20."	ADDIT. PEE		DA A	TOTAL DOIT. FEEL	
770.001	•	•					·=· · ·	

FORM PTO-478

Palent and Todorech Office, U.S. DEPARTMENT OF COMMERCE